

IN THE ABSTRACT:

Please amend the abstract as shown below, in which deleted terms are shown with strikethrough and/or double brackets, and added terms are shown with underscoring.

ABSTRACT

A method of the surface treatment of a mold for casting, which comprises subjecting a cavity surface of a fixed mold ~~[(12)]~~ made by the use of a SCM420 material to first shot peening, a sulfurizing-nitriding treatment and second shot peening. The resulting cavity surface of the fixed mold ~~[(12)]~~ exhibits a high hardness of 700 or higher in terms of Vickers hardness due to the presence of a sulfurized and nitrided layer ~~[(32)]~~, and further has a compression residual stress of more than 1200 Mpa and a largest height ~~[(Ry)]~~, which is a surface roughness value defined by JIS standard, of 8  $\mu$  m or less.